

Notice of Allowability**Application No.**

10/675,341

Examiner

Myles D. Robinson

Applicant(s)

KUO ET AL.

Art Unit

2625

- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 7/2/2009.
2. ☒ The allowed claim(s) is/are 1 - 7, 9 - 16 and 18.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date ____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 8/31/2009.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other ____.

/Myles D. Robinson/
Examiner, Art Unit 2625

/Twyler L. Haskins/
Supervisory Patent Examiner, Art Unit 2625

DETAILED ACTION

Response to Amendment

1. Applicant's amendment was received on 7/2/2009, and has been entered and made of record. Currently, **claims 1 – 7, 9 – 16 and 18** are pending.

Response to Arguments

2. Applicant's arguments (*see Remarks 7/2/2009*) with respect to **claims 1 – 7, 9 – 16 and 18** have been fully considered and are persuasive. The rejections of these claims have been withdrawn.

EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Christian Drago (Reg. No. 52,472) on 8/31/2009.

The application has been amended as follows:

Claim 1: A system for storing of print job data comprising:

means for acquiring, into a controller associated with a plurality of an associated rendering devices, print job data representative of a desired print job,

which print job data is comprised of a page description language format associated with a selected printer device and appended printer job language parameter data corresponding to a controller cabinet storage instruction and at least one selected document output parameter associated with the page description language, the at least one document output parameter including a document finishing setting including stapling number of copies or hole-punch;

parsing means for parsing the parameter data to extract the cabinet storage instruction and the at least one document output parameter;

converting means associated with the controller for converting acquired print job data into bitmapped image data;

means for generating a printout from a rendering device having a smallest job queue associated therewith in accordance with an output of the controller in accordance with the at least one document output parameter parsed from the parameter data;

means for receiving storage location data corresponding to a selected cabinet from a plurality thereof corresponding to a source of the print job data;

storage means for selectively storing the print job data in the page description format in a selected storage location of the controller contemporaneously with the parameter data associated therewith in accordance with the cabinet storage instruction parsed from the parameter data;

means for acquiring print status information including data representative of name associated with the print job data and data representative of a size of the print job data;

the storage means including means for selectively storing the print status information associatively with the print job data;

means for receiving a cabinet access instruction;

testing means for testing identification data corresponding to [[a]] the received cabinet access instruction;

means for selectively communicating the print job data to generate an image corresponding thereto on an associated display device in accordance with an output of the testing means indicative of authorization to access a cabinet indicated by the cabinet access instruction, the print job data corresponding to the print job data stored in the page description format in the storage location;

means for receiving selection data in accordance with the image from the associated display device, which selection data includes an instruction to commence at least a second rendering of associated print job information stored in the page description format;

means for receiving edit data corresponding to selected edits to the stored parameter data;

the converting means including means for completing a second conversion of the print job information stored in the page description format to the bitmapped image data; and

means for selectively communicating the bitmapped image data of the second conversion of print job data to the selected printer device to obtain a subsequent printout thereof in accordance with the stored parameter data and received edits thereto.

Claim 5: The system for storing print job data of claim 3 wherein the selection means include:

means for prompting an associated user for selection data to select [[a]] the storage location to store print job data associated with the user;

means for receiving user selection data resultant from a prompt of the user for the storage location to store print job data associated with the user; and

means for storing the print job data in the storage location in accordance with the user selection data.

Claim 10: A method for storing of print job data comprising the steps of:

acquiring, into a controller associated with a plurality of an associated rendering devices, print job data representative of a desired print job, which print job data is comprised of a page description language format associated with a selected printer device and appended printer job language parameter data corresponding to a controller cabinet storage instruction and at least one selected document output parameter associated with the page description

language, the at least one document output parameter including a document finishing setting including stapling number of copies or hole-punch;

parsing the parameter data to extract the cabinet storage instruction and the at least one document output parameter;

converting, via the controller, acquired print job data into bitmapped image data;

generating a printout from a rendering device having a smallest job queue associated therewith in accordance with an output of the controller in accordance with the at least one document output parameter parsed from the parameter data;

receiving storage location data corresponding to a selected cabinet from a plurality thereof corresponding to a source of the print job data;

selectively storing the print job data in the page description format in a selected storage location of the controller contemporaneously with the parameter data associated therewith in accordance with the cabinet storage instruction parsed from the parameter data;

acquiring print status information including data representative of a name associated with the print job data and data representative of a size of the print job data;

selectively storing the print status information associatively with the print job data;

receiving a cabinet access instruction;

testing identification data corresponding to ~~[[a]]~~ the received cabinet access instruction;

selectively communicating the print job data to generate an image corresponding thereto on an associated display device in accordance with an output of the testing indicative of authorization to access a cabinet indicated by the cabinet access instruction, the print job data corresponding to the print job data stored in the page description format in the storage location;

receiving selection data in accordance with the image from the associated display device, which selection data includes an instruction to commence at least a second rendering of associated print job information stored in the page description format;

receiving edit data corresponding to selected edits to the stored parameter data;

completing a second conversion of the print job information stored in the page description format to the bitmapped image data; and

selectively communicating the bitmapped image data of the second conversion of print job data to the selected printer device to obtain a subsequent printout thereof in accordance with the stored parameter data and received edits thereto.

Claim 14: The method for storing print job data of claim 12 wherein the step of selecting the storage location comprises the steps of:

prompting an associated user for selection data to select [[a]] the storage location to store print job data associated with the user;

receiving user selection data resultant from a prompt of the user for the storage location to store print job data associated with the user; and

storing the print job data in the storage location in accordance with the user selection data.

REASONS FOR ALLOWANCE

4. **Claims 1 – 7, 9 – 16 and 18** are allowed.
5. Referring to **claims 1 and 10**, the innovative limitation that distinguishes the Applicant's claim is a printer controller parses the print job language (PJL) instructions such that whenever the PJL instructions indicate that a cabinet storage is desired, the controller will both rasterize and print the job with requested finishing parameters, and store the page description file and finishing instructions in a cabinet that corresponds to a source of the print request, such as a cabinet tied to a user submitting the job or a cabinet selected specifically by the user (*see Remarks 7/2/2009 [page 7], Remarks 2/18/2009 [page 8], Specification [paragraphs 0018 and 0029] and Figs. 1, 6 and 7*).

To be more specific, the novelty over the prior art is the appended job language parameter as a cabinet storage instruction.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Myles D. Robinson whose telephone number is (571)272-5944. The examiner can normally be reached on M-F 8:30am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Twyler L. Haskins can be reached on (571) 272-7406. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Myles D. Robinson/

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Examiner, Art Unit 2625

8/31/09

/Twyler L. Haskins/

Supervisory Patent Examiner, Art Unit 2625